

## REQUEST

Blundell, Isabelle A. S. Genzyme Corporation One Kendall Square Cambridge, MA 02139

United States of America

Rec'd	PCT/PTO 2.9	APR 2005
In	533179	

REQUEST  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	International Application No.  International Filing Date  Name of receiving Office and "PCT International Application"  Applicant's or agent's file reference (if desired) (12 characters maximum)  5208PCT		
Box No. I TITLE OF INVENTION Controlled Release of Anti-arrhymthmic Agents			
Box No. II APPLICANT This person  Name and address: (Familyname followed by given name; for a legal entity,) The address must include postal code and name of country. The country of the ad Box is the applicant's State (that is, country) of residence if no State of residence is  Genzyme Corporation Legal Department 15 Pleasant St. Connector Framingham, MA 01701-9322 United States of America	ldressindicated in this	Telephone No. (617) 591-5698 Facsimile No. (617) 252-7977 Teleprinter No.  Applicant's registration No. with the Office	
	ull official designation.	the United States the States indicated in of America only the Supplemental Box	
Further applicants and/or (further) inventors are indicated on  Box No. IV AGENT OR COMMON REPRESENTATIVE;  The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities a Name and address: (Familyname followed by given name; for a legal entity, further than the competent international states of the c	OR ADDRESS FOR	the United States of America only the States indicated in the Supplemental Box	
The addressmust include postal code and name of country.  Blundell, Isabelle A. S.  Genzyme Corporation One Kondall Source	(617) 591-5698  Facsimile No. (617) 252-7977		

Teleprinter No.

43,321 US/RO

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent. Form PCT/RO/101 (first sheet) (March 2001; reprint January 2003) LegalStar 2003, Form PCTREQ

See Notes to the request form

Agent's registration No. with the Office

Continuation of Bossic. III FURTHER APPLICANTS	S AND/OR (FU	ER) INVENTOR(S)
If none of the following sub-boxes is used, this sheet should	not to be included in	n the request.
Name and address: (Familynamefollowedby given name; for a legalentity, furthe address must include postal code and name of country. The country of the add Box is the applicant's State (that is, country) of residence if no State of residence is Philbrook, C. Michael 365 Marlborough St #6 Boston, MA 02115 United States of America	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, counting US	
	States except ates of America	the United States of America only the Supplemental Box
Name and address: (Familynamefollowedby given name; for a legal entity, fur The addressmust include postal code and name of country. The country of the address was the applicant's State (that is, country) of residence if no State of residence is it Skinner, Kevin C.  8 Midland Circle Andover, MA 01810 United States of America	ressindicatedin this	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality: US	State (that is, countr US	y) of residence:
This person is applicant all designated all designated for the purposes of: all designated the United States		the United States the States indicated in of America only the Supplemental Box
Name and address: (Familynamefollowedby given name; for a legalentity, ful. The addressmust include postal code and name of country. The country of the addr Box is the applicant'sState (that is, country) of residenceif no State of residenceis in	essindicatedin this	This person is:  applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality:	State (that is, countr	y) of residence:
This person is applicant all designated all designated for the purposes of: all designated the United States		the United States the States indicated in the Supplemental Box
Name and address: (Familyname followed by given name; for a legal entity, full The address must include postal code and name of country. The country of the addre Box is the applicant's State (that is, country) of residence if no State of residence is in	essindicatedin this	This person is:  applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office
State (that is, country) of nationality:	State (that is, country	r) of residence:
This person is applicant all designated all designated or the purposes of:		he United States the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on another continuation sheet.		

Box No	.V DESIGN N OF STATES	;		Mark the applicable check-bo	low; a	t least one must be marked.
The foll	owing designations are hereby made un	nder	Rule	4.9(a):		
Regions	al Patent					
Regional Patent  AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)						
EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT						
European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT						
⊠ OA	OAPI Patent: BF Burkina Faso, Cameroon, GA Gabon, GN Guinea, SN Senegal, TD Chad, TG Togo, an PCT (if other kind of protection or tree	GQ idar	Equa oth	torial Guinea, GW Guinea-Bissau, ier State which is a member State	, ML N	Mali, MR Mauritania, NE Niger,
Nationa	Patent (if other kind of protection or	trea	tment	desired, specify on dotted line):		
🛛 AE	United Arab Emirates				⊠ NZ	New Zealand
⊠ AG	Antigua and Barbuda	$\boxtimes$	HR	Croatia		
🛛 AL	Albania	$\boxtimes$	HU	Hungary	🛛 РН	Philippines
🛛 AM	Armenia			Indonesia		Poland
🛛 AT	Austria	X	IL	Israel		Portugal
🛛 AU	Australia	$\boxtimes$	IN	India		
🛛 AZ	Azerbaijan	$\boxtimes$	IS	Iceland	⊠ RU	Russian Federation
🛛 BA	Bosnia and Herzegovina	$\boxtimes$	JP	Japan		***************************************
🛛 вв	Barbados	$\boxtimes$	KE	Kenya		
🛛 BG	Bulgaria	$\boxtimes$		Kyrgyzstan		=
🛛 BR	Brazil	$\boxtimes$		Democratic People's Republic		Sweden
🛛 BY	Belarus			of Korea	⊠ sG	Singapore
🛛 BZ	Belize	$\boxtimes$	KR	Republic of Korea		
☑ CA	Canada	$\boxtimes$	ΚZ		⊠ st.	Sierra Leone
⊠ сн а	& LI Switzerland and Liechtenstein	$\boxtimes$	LC	Saint Lucia		Tajikistan
☑ CN	China					Turkmenistan
⊠ co	Colombia			Liberia		Tunisia
⊠ CR	Costa Rica	X	LS	Lesotho		Turkey
⊠ cu	Cuba			Lithuania	⊠ TT	Trinidad and Tobago
⊠ cz	Czech Republic			Luxembourg		
⊠ DE	Germany			9	<b>⊠</b> т7.	United Republic of Tanzania
⊠ DK				Morocco		Ukraine
⊠ DM	Dominica	Ø	MD	Republic of Moldova	⊠ uc	Uganda
⊠ DZ	Algeria	_				United States of America
⊠ EC	Ecuador	Ø		Madagascar		·····
⊠ EE				The former Yugoslav Republic of	⊠ uz	
⊠ ES	Spain	_			_	Saint Vincent and the Grenadines
⊠ FI		X	MN	Mongolia		Viet Nam
⊠ GB				=	XI VIII	Yugoslavia
⊠ GD	_			Mexico	X 7.4	South Africa
⊠ GE						Zambia
⊠ GH						Zimbabwe
	***************************************					
Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:						
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Precaution	nary Designation Statement: In addi			<del></del>		

rrecautionary Designation Statement: in addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation(including fees) must reach the receiving Office within the 15-month time limit.)

Sheet	NΙα	4

Box No. VI PRI	Box No. VI PRI Y CLAIM				
The priority of the following	earlier application(s) is hereby	y claimed:			
Filing date	Number of earlier application	•	Where earlier application	ı is:	
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office	
item (1) 28 June 2002 (28.06.02)	60/392,642	us			
item (2)					
item (3)					
item (4)					
item (5)					
Further priority claims as	re indicated in the Supplement	ntal Box.			
i (only ij ine earlier applicatio	ested to prepare and transmit on was filed with the Office	to the International Bur which for the purposes	eau a certified copy of of this international app	the earlier application(s)	
Office) identified above as:  all items item (1)		item (3) item (4)		other, see Supplemental Box	
* Where the earlier application Industrial Propertyor one Memb			•.	ion for the Protection of 1.10(b)(ii)):	
	TONAL SEARCHING AUT				
Choice of International Sean internationalsearch, indicate the		· · · · · · · · · · · · · · · · · · ·	Searching Authorities are	competent to carry out the	
ISA/ EP					
Request to use results of ear InternationalSearchingAuthority	rlier search; reference to the	hat search (if an earlier s	earch has been carried or	ut by or requested from the	
Date (day/month/year)	• "				
Box No. VIII DECLARAT	IONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):  Number of declarations					
Box No. VIII (i)	Declaration as to the identity	of the inventor		:	
Box No. VIII (ii)	Declaration as to the applicandate, to apply for and be gran	nt's entitlement, as at the inted a patent	international filing	:	
Box No. VIII (iii)	Declaration as to the applicandate, to claim the priority of t		international filing	:	
Box No. VIII (iv)	Declaration of inventorship (United States of America)	(only for the purposes of t'	the designation of the	:	
Box No. VIII (v)	Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :				

Box No. IX CHECONT; LANGUAGE OF FILING				
This international application contains:  (a) in paper form, the following number of sheets:	This international application is accompanied by the follow item(s) (mark the applicable check-boxes below and indicarright column the number of each item):	ving Number te in of items		
request (including	1. X fee calculation sheet	:		
declaration sheets) : 40	2. Original separate power of attorney	:		
description (excluding sequence listings and/or	3. Original general power of attorney	:		
tables related thereto)	4. copy of general power of attorney; reference number, if any:			
claims : 5 abstract : 1	5. Statement explaining lack of signature	•		
drawings : 7	6 priority document(s) identified in Box No. VI as	•		
Sub-total number of sheets : 53	item(s):			
sequence listings :	(language):			
tables related thereto :	8. separate indications concerning deposited microorgani or other biological material	sm :		
(for both, actual number of sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)			
computer readable form; see (c) below)	(i) copy submitted for the purposes of international se			
Total number of sheets : 53	under Rule 13ter only (and not as part of the internapplication)	:		
(b) only in computer readable form	(ii) (iii) (	left		
(Section 801(a)(i)) (i) sequence listings	the copy for the purposes of international search up Rule 13 <i>ter</i>	nder		
(ii) tables related thereto	(iii) together with relevant statement as to the identity of or copies with the sequence listings mentioned in	of the copy		
(c) also in computer readable form (Section 801(a)(ii))		•		
(i) sequence listings	10. Lables in computer readable form related to sequence (indicate type and number of carriers)	listings		
(ii) tables related thereto	(i) copy submitted for the purposes of international se	arch under		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	Section 802(b-quater) only (and not as part of the international application)	:		
sequence listings:	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in column) additional copies including, where applications	ı left		
tables related thereto:	copy for the purposes of international search under 802(b-quater)	Section :		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column) together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column				
11.  other (specify):				
Figure of the drawings which Language of filing of the				
	International application: English AGENT OR COMMON REPRESENTATIVE			
	nd the capacityin which the personsigns (if such capacity is not obvious from re	ading the request).		
Isabelle A. S. Blundell Attorney for Applicant				
For receiving Office use only				
1. Date of actual receipt of the purported international application:				
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
4. Date of timely receipt of the required corrections under PCT Article 11(2):				
5. International Searching Authority ISA/	6. Transmittal of search copy delayed until search fee is paid			
For International Bureau use only				
Date of receipt of the record copy by the International Bureau:				

JC20 Rec'd PCT/PTO 29 APR 2005
This sheet is not part of and does not count as a sheet of the international application.



FEE CALCULATION SHEET Annex to the Request

For receiving Office use only -

International Application No.

Applicant's or agent's file reference 5208PCT	Date stamp of the receiving Office			
Applicant GENZYME CORPORATION et al.				
CALCULATION OF PRESCRIBED FEES				
1. TRANSMITTAL FEE	· · · · 240.00 T			
2. SEARCH FEE	450.00 S			
International search to be carried out by ISA/EP				
(If two or more InternationalSearching Authoritiesare competentto carry search, indicatethe name of the Authoritywhich is chosento carry out the ir	out the international iternationalsearch.)			
3. INTERNATIONAL FEE Basic Fee				
Where item (b) and/or (c) of Box No. IX apply, enter Sub-total num	her of sheets			
Where item (b) and (c) of Box No. IX do not apply, enter <b>Total num</b>	<b>&gt;</b> 53			
b1 first 30 sheets	476.00 b1			
b2 23 x 12.00 =	276.00 b2			
number of sheets fee per sheet in excess of 30				
b3 additional component (only if sequence listings and/or tables rel	ated			
thereto are filed in computer readable form under Section 801(a) both in that form and on paper, under Section 801(a)(ii)):	(i), or			
400 x =	b3			
fee per sheet				
Add amounts entered at b1, b2 and b3 and enter total at B · · ·	752.00 B			
Designation Fees  The international application containsAll designations.				
The international application contains $\frac{500}{x}$ designations.  5				
number of designation fees amount of designation fee payable (maximum 5)				
Add amounts entered at B and D and enter total at I	1,452.00 I			
(Applicants from certain States are entitled to a reduction of 75% of internationalfee. Where the applicantis (or all applicantsare) so entitled,	the the			
4. FEE FOR PRIORITY DOCUMENT (if applicable)	15.00 P			
() [				
5. TOTAL FEES PAYABLE	2,157.00			
Add amounts entered at T, S, I and P, and enter total in the TOTAL box				
The designation fees are not paid at this time.				
MODE OF PAYMENT				
authorization to charge postal money order deposit account (see below)	cash coupons			
cheque bank draft	revenue stamps other (specify):			
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCO	UNT			
(This mode of payment may not be available at all receiving Offices)	Receiving Office: RO/US			
Authorization to charge the total fees indicated above.	Deposit Account No.: 07-1074			
(This check-box may be marked only if the conditions for deposit accounts of Date:				
the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.  Name: Isabelle A. S. Blundell				
Authorization to charge the fee for priority document.	Signature: ) Adolle AS hersell			